

# Hydrotech<sup>®</sup>

## 565 Series Automatic Whole House Water Filter



### Problem Water Is No Problem!

When you install a whole-house automatic water filtration system your water problems will disappear. Rid your water of troublesome iron, sediment, bad tastes, stains, color and odors.



### Types of Filters:

**Manganese Greensand Plus Filters** – Iron, manganese and sulfur are oxidized into solids and trapped in the filter bed where they get flushed to the drain

**Birm Filters** - Remove soluble or precipitated iron without the use of expensive or messy chemicals

**Taste & Odor Filters** – Remove bad tastes and odors caused by chlorine & organics

**Neutralizing Filters** – Raise the pH of acidic water to neutralize corrosiveness and protect fixtures, pipes and appliances

**Multi-Media Filters** – Eliminate suspended sand and silt that makes water cloudy

**Nexsand Turbidity Filters** – Remove suspended solids, Ferric Hydroxide (Red Water Iron) or Sediment from your well or water system down to 5 Microns. Nexsand has proven extremely effective and will provide double the service flow of Multi Media or Sand Filters.

**Chloramines Removal Filters** – This two tank system uses special catalytically enhanced carbon and provides improved bed depth and contact time for more effective reduction of chloramines.



Clean, Clear  
and Odor  
Free



| Part #  | Model         | Media<br>Cu Ft | Flow Rate USGPM |      |          | pH<br>Correction<br>Range | Iron<br>Removal<br>Capacity<br>(ppm) | KMnO4<br>Regen (oz) | Micron<br>Rating | Mineral<br>Tank Size | Pipe Size<br>Inches | Ship<br>Weight<br>Lbs |
|---|---------------|----------------|-----------------|------|----------|---------------------------|--------------------------------------|---------------------|------------------|----------------------|---------------------|-----------------------|
|   |               |                | Service         | Peak | Backwash |                           |                                      |                     |                  |                      |                     |                       |
| <b>Iron Filters - Manganese Greensand Plus</b>  |               |                |                 |      |          |                           |                                      |                     |                  |                      |                     |                       |
| 15550400  | HT 565IF-75   | 0.75           | 3.0             | 4.0  | 3.5      |                           | 4,500                                | 2.0                 |                  | 8 x 44               | 3/4" and 1"         | 113                   |
| 15550407  | HT 565IF-100  | 1.0            | 3.0             | 5.0  | 4.0      |                           | 6,000                                | 4.0                 |                  | 9 x 48               | 3/4" and 1"         | 129                   |
| 15550414  | HT 565IF-150  | 1.5            | 4.0             | 8.0  | 5.0      |                           | 9,000                                | 6.0                 |                  | 10 x 54              | 3/4" and 1"         | 179                   |
| Maximum Removal Amounts: Combination of Iron x 1, Manganese x 2, H2S x 3 = 10 ppm; Hydrogen Sulphide = 3.0 ppm; Iron (Ferrous) = 7.0 ppm; Manganese = 5.0 ppm; Bacterial Iron = 0.0 ppm; Min pH = 7.0 |               |                |                 |      |          |                           |                                      |                     |                  |                      |                     |                       |
| <b>Iron Filters - Birm</b>  |               |                |                 |      |          |                           |                                      |                     |                  |                      |                     |                       |
| 15550421  | HT 565BM-75   | 0.75           | 3.0             | 4.0  | 3.5      |                           | -                                    | -                   |                  | 8 x 44               | 3/4" and 1"         | 67                    |
| 15550428  | HT 565BM-100  | 1.0            | 3.0             | 5.0  | 4.0      |                           | -                                    | -                   |                  | 9 x 48               | 3/4" and 1"         | 79                    |
| 15550435  | HT 565BM-150  | 1.5            | 4.0             | 8.0  | 5.0      |                           | -                                    | -                   |                  | 10 x 54              | 3/4" and 1"         | 101                   |
| <b>Taste &amp; Odor Filters</b>   |               |                |                 |      |          |                           |                                      |                     |                  |                      |                     |                       |
| 15550442  | HT 565TO-75   | 0.75           | 3.5             | 5.0  | 3.5      |                           | -                                    | -                   |                  | 8 x 44               | 3/4" and 1"         | 50                    |
| 15550449  | HT 565TO-100  | 1.0            | 4.0             | 7.0  | 4.0      |                           | -                                    | -                   |                  | 9 x 48               | 3/4" and 1"         | 60                    |
| 15550456  | HT 565TO-150  | 1.5            | 5.0             | 8.0  | 5.0      |                           | -                                    | -                   |                  | 10 x 54              | 3/4" and 1"         | 78                    |
| <b>Neutralizing Filters</b>   |               |                |                 |      |          |                           |                                      |                     |                  |                      |                     |                       |
| 15550519  | HT 565NU-75   | 0.75           | 2.0             | 4.0  | 3.5      | 6.0 - 6.9 TDS >200        | -                                    | -                   |                  | 8 x 44               | 3/4" and 1"         | 93                    |
| 15550526  | HT 565NU-100  | 1.0            | 3.0             | 6.0  | 4.0      | 6.0 - 6.9 TDS >200        | -                                    | -                   |                  | 9 x 48               | 3/4" and 1"         | 120                   |
| 15550533  | HT 565NU-150  | 1.5            | 4.0             | 10.0 | 5.0      | 6.0 - 6.9 TDS >200        | -                                    | -                   |                  | 10 x 54              | 3/4" and 1"         | 164                   |
| <b>Sediment Turbidity Multi-Media Filters</b>   |               |                |                 |      |          |                           |                                      |                     |                  |                      |                     |                       |
| 15550484  | HT 565MM-75   | 0.75           | 4.0             | 5.0  | 4.0      |                           | -                                    | -                   | 15 - 20 µ        | 8 x 44               | 3/4" and 1"         | 79                    |
| 15550491  | HT 565MM-100  | 1.0            | 5.0             | 7.0  | 5.0      |                           | -                                    | -                   | 15 - 20 µ        | 9 x 48               | 3/4" and 1"         | 118                   |
| 15550498  | HT 565MM-150  | 1.5            | 7.0             | 10.0 | 7.0      |                           | -                                    | -                   | 15 - 20 µ        | 10 x 54              | 3/4" and 1"         | 144                   |
| <b>Nexsand Turbidity Filters</b>  |               |                |                 |      |          |                           |                                      |                     |                  |                      |                     |                       |
| 15550505  | HT 565NEX-75  | 0.75           | 4.0             | 6.0  | 3.5      |                           | -                                    | -                   | 3 - 5 µ          | 8 x 44               | 1/2" - 1"           | 90                    |
| 15550512  | HT 565NEX-100 | 1.00           | 5.0             | 8.0  | 4.0      |                           | -                                    | -                   | 3 - 5 µ          | 9 x 48               | 1/2" - 1"           | 135                   |
| 15550540  | HT 565NEX-150 | 1.50           | 8.0             | 10.0 | 5.0      |                           | -                                    | -                   | 3 - 5 µ          | 10 x 54              | 1/2" - 1"           | 175                   |
| <b>Chloramines Reduction Filters (Catalytic Carbon) Dual Tank</b>   |               |                |                 |      |          |                           |                                      |                     |                  |                      |                     |                       |
| 15550463-1  | HT 565CLA-75  | 0.75           | 4.0             | 6.0  | 3.5      |                           | -                                    | -                   |                  | 8 x 44               | 3/4" and 1"         | 100                   |
| 15550470-1  | HT 565CLA-100 | 1.00           | 5.0             | 8.0  | 4.0      |                           | -                                    | -                   |                  | 9 x 48               | 3/4" and 1"         | 120                   |
| 15550477-1  | HT 565CLA-150 | 1.50           | 8.0             | 10.0 | 5.0      |                           | -                                    | -                   |                  | 10 x 54              | 3/4" and 1"         | 155                   |

| All Filters             |                                      |
|-------------------------|--------------------------------------|
| Plumbing Connections    | 3/4" 90° Elbows & 1" Straight NPT    |
| Electrical Requirements | Input 120V 60 Hz - Output 12V 650mA  |
| Water Temperature       | Min 39 - Max. 100 degrees Fahrenheit |
| Water Pressure          | Min. 20 - Max. 125 psi               |



# Hydrotech®

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